NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NC/QC/W1/2023-24/LO/PMC

Date: 17-04-2023

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kandukanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

For N/A

Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

Item No	Description of work	Unit	Qty	Remarks
1	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)	Sqm	66.14	Work done upto the Billed Quantity and the Quality is Satisfactory
3	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 300 mm to 600 mm	Each	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Cutting of Trees, excluding removal of stumps and roots of trees Girth from 600 mm to 900 mm	Each	15.00	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils , as per drawing and technical specifications,	Cum	815.42	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Providing And Filling In Foundation With Granite/Trap Broken Metal 100mm And Down Size With Approved Sand Including Hand Packing, Ramming, Watering,Including Cost Of All Materials And Labour With All Lead And Lift	Cum	180.00	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid	Cum	276.41	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	57.32	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The	Cum	695.41	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and	Sqm	411.56	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and	Sqm	750.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete	Sqm	28.08	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.	Sqm	750.00	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Providing and fixing Structural Steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including cost	Kgs	8648.80	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid	Cum	9.18	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting	Nos	1020.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	160.58	Work done upto the Billed Quantity and the Quality is Satisfactory
23	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications,	Cum	3563.10	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and	Cum	351.19	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site,	Cum	751.31	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	Sqm	3376.26	Work done upto the Billed Quantity and the Quality is Satisfactory
27	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributer at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.	Sqm	8270.00	Work done upto the Billed Quantity and the Quality is Satisfactory
28	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler,	Cum	315.34	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the	Cum	284.30	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Providing and laying of hot applied thermoplastic compound 2 5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2 5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished	Sqm	274.10	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km	t.Km	5604.50	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

A.E.E

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With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANT * Bangalore *

NC/QC/W1/2023-24/LO/QC

Date: 17-04-2023

To,
The Executive Engineer,
Yelahanka Division
Bangalore.

Accepted
For N/A
Executive Engineer
Bruhat Bengaluru Mahanagara Palike
Yelahanka Division

"FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.

Name of Work: Improvements, developments and Construction Of Lead Off Drain From Venkatala Lake View Layout To Yelahanka Waste Weir and Samudaya Bhavana at Ambedkarnagara and Additional floor to Someswara temple Samudaya Bhavana and Kanakanagara Samudaya bhavana, Additional Improvements to Garadi mane and Developmental Of Balanace Roads In Kempegowda Ward, Providing Chain link Fencing to Doddabettahalli Govt. School Ground (Sy.No5) in ward no. 01, 03,04 and 05

Item No	Description of work	Unit	Qty	No of Samples Tested	Standards
1	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates	Cum	276.41	3	Per 100 cum
2	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	57.32	1	Per Dia
3	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The	Cum	695.41	7	Per 100 cum
4	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in	Nos	1020.00	2	Per 1000 Nos
5	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate	Sqm	411.56	2	Per 500Sqm

Item No	Description of work	Unit	Qty	No of Samples Tested	Standards
6	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate	Sqm	750.00	1	Per 500Sqm
6	Providing and fixing precast reinforced cement concrete covering slabs of 15Cm thick made of M20 with OPC cement,with 20mm and down	Sqm	750.00	2	Per 500Sqm
7	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and	Cum	351.19	1	Per 400 cum
8	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in	Cum	751.31	4	Per 200 cum
9	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-	Cum	315.34	7	Per 50 cum
10	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading,	Cum	284.30	6	Per 50 cum

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

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With Regards,

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